INFORMATION DISCLOSURE CITATION AUG 2 0 2001 Separation Disclosure Citation Aug 2 0 2001 Separation Disclosure Citation U.S. Paten				ISP0086			IAL NO. 09/846,829		
				Hardarshan S. Valia et al. FILING GROUP					
				May 1, 2001 3764					
*EXAMINER			U.S. PATENT DOCUM	ENTS			ئى ل		
INITIAL	DOCUMENT NUMBER	DATE	NA	ME	CLASS	SUBCLASS	FILING D	OPRIATE	
NS	3,652,403		Knappstein et a	l		C		0	
-	3,772,155	11-1973	Knappstein et al	l.		1			
	3,959,083	05-1976	Goedde et al.						
	4,123,216	10-1978	Leibrock			1	-		
	4,128,402	12-1978	Leibrock et al. Brayton et al.				<u> </u>		
	4,186,054	01-1980				 			
	4,248,671	02-1981	Belding			 			
	4,257,848	03-1981	Brayton et al.			 			
	4,274,923	06-1981	Mahar			 	 		
	4,285,772	08-1981	Kress			 			
NB	4,606,876	08-1986	Yoshida et al.			 			
,		FOR	EIGN PATENT DOCUM	IENTS			<u></u>		
	DOCUMENT NUMBER	COUNT	RY	CLASS	SUBCLASS	TRANSLATION YES NO			
JB	WO 91/02781 .	03-1991	PCT- WIP	0		-	YES	NO	
	0 596 870	05-1994	Europe				7	 	
	WO 88/08442	11-1988	PCT WI	PO			1	<u> </u>	
	WO 90/12074 .	10-1990	PCT WI	PO			1		
70	7109467 .	04-1995	Japan	<u> </u>			/		
	OTHER DOCUME	NTS (Includir	ng Author, Title, Dat	e. Pertinent Pa	ges Etc.)	L			
NB SB	Valia, Hardarshan S., "www.steel.org/learning/ Chatterjee, A. and H.N. Cokemaking Internation	Coke Production howmade/coke_p	for Blast Furnace Iron production.htm, Augus	nmaking", st 24, 1999, 5 page	es ·		Plants in [ndia",	
AMINER	MBhat		DATE CON	SIDERED 12	2-04	ŀ			
KAMINER: Initiansidered. Includ	I if reference considered, whether e copy of this form with next com	or not citation is munication to app	io conferment with the			tion if not in con	formance a	and not	

Form PTO-A820 (also form PTO-1449)

P09C/REV03

Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE

SE				ATTY DOCKET NO.		SERIAL NO.		
INFORMATION DISCLOSURE CITATION				ISP0086	09/846,829			
AUG 2 0 2001 (Usa several sheets if necessary)				Hardarshan S. Valia e	t al.			
\$				FILING May 1, 2001		GROUP 1764		
TENT & TRA	DEMAN	U.	S. PATENT	DOCUMENTS			ED SE	ā
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCOASS	FILING DAT	O
NB	4,726,465	02-1988	Kwasnik et al.					NIA I E
	5,190,617	03-1993	Kress et	al.				
NB	5,345,994	09-1994	Kato et al.				-	-
							-	
							<u> </u>	
				·				
		FORE	IGN PATEN	T DOCUMENTS	-			
	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSLA	
			* ****				YES	NO
							· ·	
	OTHER DOCUME	NTS (Including	Author 3	 Title, Date, Pertinent Pa	agon Eta l			
	Search Report, "Coke Pa	,	, 1996 32 p	apes	ges, Etc.)			
NS			•					
	Search Report, "Coke Pa	atents", March 19	, 1996, 50 p	ages				
B				•				
XAMINER	M BU	1	D	ATE CONSIDERED 7	2 - (2)			
XAMINER: Initial	if reference considered, whether	or not citation is in	conforman	ce with MPEP 609: Draw line	through cite	tion if not in an	160cm	
onsidered. Include	copy of this form with next com	munication to appli	cant.	El 000, Diaw inie	anough cita	uon n not in con	iiormance an	a not
orm PTO-A820			P09C/RE	V03 Patent	and Trademark	Office * U.S. DEPA	PTMENT OF CO.	445045

(also form PTO-1449)

TP	E	ATTY DOCKET NO.	ATTY DOCKET NO. ISP0086 Hardarshan S. Valia et al.			SERIAL NO. 09/846,829			
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	NFOR TION DISCLOSUR								
AUG 2	0 2001 S	33 <i>61Y)</i>	FILING	iia et al.	ĢROUP	- D			
Tr.	- CAPPE	May 1, 2	001		2176				
	U.S. PAT					STORY			
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	HILING D	ATE		
•						IF ABPRO	PRIATE		
						6			
		+			_	<u> </u>			
		1							
					 	-			
						┼			
 -		 				ļ			
-									
						<u> </u>			
		-							
		FOREIGI	PATENT DOCUMENTS		-				
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION			
					 	YES	NO		
					 				
1	OTHER DOCUMEN	ITS (Including A	uthor, Title, Date, Pertinen	t Pages 54s \					
	Search Report, "Coke Pa	,	99, 15 pages						
NB									
<u>'</u>	Search Report, "Coke Pa	tantall Assessed 10	00.22						
B	Search Report, Coke Fa	tents", August 9, 19	99, 33 pages ,						
				<u></u>					
XAMINER	N/3hm	X	DATE CONSIDERED	DATE CONSIDERED 12-04					
EXAMINER: Initionsidered. Inclu	al if reference considered, whether ide copy of this form with next comm	or not citation is in con nunication to applican	DEPENDENCE WITH LIDED COO. D.	v line through cita	tion if not in cor	formance a	and not		
orm PTO-A820	Copyright 1	1994-97 LegalStar		Patent and Trademark	Office * U.S. DEPA	RIMENT OF C	ONMERCE		

(also form PTO-1449)